

ABSTRACT

A tunable band pass optical filter with tunable band-pass interferometer according to the present invention comprises a tunable band pass optical filter comprising a frame, at least one translation plate, at least one flexure element for mounting said at least one translation plate to said frame, a first mirror mounted to said at least one translation plate, a second mirror mounted to said frame in optical communication with said first mirror, having a distance between said first and said second mirror, at least one compensation screw operatively connected to said frame and said at least one translation plate; and at least one piezo-ceramic actuator operatively connected to said frame and said at least one translation plate.

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